

Startup Schedule for 06:  
P. Sampson  
VER Jan 25, 2006 1400hrs

ACCESS CONTROLS SYSTEM STATUS					
Date	Booster	AGS		AtR	RHIC
12/29/05	RA	RA		RA	RA
01/03/06	CA	RA	CA eve	RA	RA
01/09/06	CA	CA		RA	RA
01/12/06	CA	RA		RA	RA
01/16/06	CA	CA		CA	RA
01/25/06	CA	CA		CA	RA NA
01/27/06	CA	CA		CA	RA
02/08/06	CA	CA		NA	RA NA

Key:

Completed items

~~Cancelled items~~

New Items

STATUS AS OF TUESDAY 1/25/06:

- Beam accelerated to full energy in the AGS.
- Work on Polarized Protons in AGS.

Outstanding items

- AtR RSC Checkoff list.
- RHIC RSC Checkoff list

Friday January the 13<sup>th</sup> 2006:

- Booster is ready for beam.
- Booster, LINAC, BLIP, RSC Check-off lists complete.
- Dry Run AGS, all systems.
- New Warm snake quads and bumps commissioning in AGS.
- AGS Cold snake ready.
- Complete AGS Checkout.
- Begin checkout of AtR supplies.

Mon 1/16/06

- Begin work with beam in injectors.
- Access controls system functional tests for AtR and RHIC continue.

Wednesday 12/28/05:

Thursday 12/29/05

- Begin checkout of new controls for A5 and L20. Need Supplemental LOTO and Barriers. ~~During test need AGS Water system. MC/CAS will contact pump room.~~
- Remove 2.6.4.LOTO from all systems.
- LINAC water on, begin conditioning.
- Begin PASS certification items.
- F10 water on for leak check.

Friday 12/30/05

- Secure Sub station for F10 house
- Complete F10 electrical work.
- Begin AtR power supply white sheets as necessary. SEM water needed (MC contacts pump room via CAS).
- Complete preliminary walkthrough of Booster/Booster Berms.

Tuesday 1/3/06

- Turn on Booster RF filaments.
- AFTER RF ACCESS, Sweep Booster on completion of RF work. BOOSTER REMAINS ON CA UNTIL FURTHER NOTICE.
- High pot Booster.
- Begin ACS Functional tests in the evening AGS ON CONTROLLED ACCESS.
- Controls test of PSIs in F10 house.

Wednesday 1/4/06

- RF access for HV turn on (am).
- AGS Preliminary walkthrough.
- EVENING: Continue ACS Functional checkout in the evenings AGS ON CONTROLLED ACCESS.

Thursday 1/5/06

- Begin work on PP quads in AGS (MCs LOTO, barriers etc.)
- Check out BMMPS, Begin Booster p.s. checkout.
- Commission Booster MMPS over-current alarm.
- Pulse MMPS in Booster.

Friday 1/6/06

- Leave AGS on RA for Weekend.

- Continue ACS Functional checkout in the evenings AGS ON CONTROLLED ACCESS.

Summary of Booster Status as of Friday 1/6/06:

Booster has been checked out and run with PP05 settings.  
Problems with BMMPs controls delayed MMPS checkout until Friday Afternoon.  
Booster Gauss clock has issues, presently running on synthetic for RF setup.

Monday 1/9/06

Monday am:

Addressing Gauss clock problem.  
Looking into MUX problem.  
Checking out and fixing outstanding p.s. problems (2 correctors, one AtR device)  
Will check out stop bands and tune chroms after MUX fixed.  
Performing AGS walkthrough.

This week:

COMPLETE RSC CHECKLISTS FOR LINAC AGS AND BOOSTER!!!

- Prepare for Heat Run.
- Sweep AGS for Hi Pot.
- Test DC bump in AGS.
- Sweep AGS. AGS REMAINS ON CONTROLLED ACCESS.
- Pulse AMMPS.
- Begin AGS checkout.
- Complete AGS heat Run.
- Begin AGS and AtR p.s. checkout.
- Complete Booster Checkout.
- RHIC RF zone (4Z1) to RFNA for testing.
- Begin AtR ACS functional test ATR ON CONTROLLED ACCESS IN THE EVENING.